

## ABSTRACT

Composition characterized for being constituted of molecules identified as diterpenic labdanes that are obtained from a valuable plant species from *Andrographis paniculata*, dried herb by a special process of extraction, for the treatment of autoimmune other immunological diseases in human's beings and animals, exhibiting a low toxicity and absence of significant side effects. Likewise, the new composition is useful for preparing a pharmaceutical composition useful for preventing and treating Alzheimer's disease. The composition inhibits the synthesis of pro-inflammatory cytokines, as a result of activating the PPAR gamma receptor and diminishing the nuclear factor kappa B. In addition, to its own therapeutic features, this new composition solves the inconveniences of the current products, medicines and procedures, that have an important toxicity level and/or cause non desired side effects.

The present invention has applications in immunopharmacology, clinical and pre-clinical human and veterinary pharmacology, pharmaceutical technology, rheumatology, and clinical immunology, immunotherapy, organ and tissue transplantation, and the immunodeficiency diseases as AIDS.

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